

Attorney Docker No 9138-0060

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit: 1621

R. BRUCE DOAK DIRK C. JORDAN

CHRISTOPHER T. BURNS

Serial No.: 09/887,777

Filed: June 22, 2001

COPY OF PAPERS

ORIGINALLY FILED

Title: METHOD AND APPARATUS FOR

NITRIDE SEMICONDUCTOR SURFACES

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION FILING DATE GRANTED UNDER 37 CFR §§ 1.53(d) AND 1.16(e)

Box Missing Parts Commissioner for Patents and Trademarks Washington, D.C. 20231

Su:

Ç

TU

In response to the Notice to File Missing Part of Application - Filing Date Granted dated August 21, 2001, Applicant encloses the following documents to complete the above-identified patent application filed June 22, 2001

- 1. Check in the amount of \$655.00 to cover the surcharge fee of \$65.00, the extension fee of \$460.00 and the petition fee of \$130.00.
- 2 Transmittal Form.
- Fee Transmittal for FY 2002.
- Copy of Notice to File Missing Parts of Application Filing Date Granted. 4,
- 5. Petition for Extension of Time Under 37 CFR 1.136(a) plus 1 copy.

988813



+6025308500

-722 P.004/019 F-64

08:38 Serial No.:

03-21-2002

09/887,777

Response to Notice to File Missing Parts of Application Filing Date Granted Under 37 CFR §§ 1.53(d) and 1.16(e)

- 6. Executed Combined Declaration and Power of Attorney.
- 7. Joint Inventors Declaration Re Nonsigning Inventor.
- 8. Petition to Prosecute Patent Application in the Absence of a Missing Inventor.
- 9. Two (2) formal drawings.
- 10. Postcard, postage prepaid, self-addressed, to confirm receipt.

The Commissioner is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 07-0135. A duplicate copy of this document is enclosed.

GALLAGHER & KENNEDY, P.A.

Dated: 1/22/02

Thomas D. MacBlain, Reg. No. 24,583

2575 East Camelback Road Phoenix, AZ 85016-9225 Telephone: (602) 530-8000

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this document (and any as referred to as being attached or enclosed) is being deposited with sufficient postage as first class mail with the United States Postal Service on January 22, 2002 and addressed to Box Missing Parts, Commissioner for Patents & Trademarks, Washington, D.C. 20231

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful lalse statements may jeopardize the validity of the application or any patent issued thereon.





UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARA OFFICE
WESTINGTON, D.C. 20231

670시, 다 C. 건O231 WWW USDFO.GDV

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

บ9/887,*777*

06/22/2001

R. Bruce Doak

9138-60

Thomas D. MacBlain Gallagher & Kennedy 2575 E. Carnelback Road Phoenix, AZ 85016



CONFIRMATION NO. 8709
FORMALITIES LETTER
THE PROPERTY OF THE P

Date Mailed: 08/21/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

COPY OF PAPERS ORIGINALLY FILED 52/1/1

An application number and filing date have been accorded to this application. The item(s) indicated below, nowever, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1 136(a).

- The oath or declaration is missing.
 A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1 16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

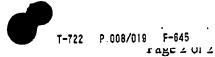
- Substitute drawings in compliance with 37 CFR 1.84 because.
 - are not on the correct size paper (see 37 CFR 1.84(f)) The size of the sheets on which drawings are made must be either 21.0 cm. by 29.7 cm (DIN size A4) or 21.6 cm. by 27.9 cm (8 ½ by 11 inches).

A copy of this notice MUST be returned with the reply. GALLAGHER & KENNEDY

AUG 2 4 2001



+6025308500



03-21-2002 08:40

Customer Service Center

Initial Patent Examination Division (703) 368-1202
PART 1 - ATTORNEY/APPLICANT COPY



03-21-2002 08:43

From-GALLAGHER & KENNEDY

+6025308500

T-722 P.019/019 F-645

RECEIPT ACKNOWLEDGED OF THE FOLLOWING DOCUMENTS SENT JANUARY 22, 2002 VIA U.S. MAIL PURSUANT TO RULE 37 CFR 18

- Response to Notice to File Missing Parts plus 1 copy,
- Transmittal Form;
- Fee Transmittal for FY 2002. 3
- Petition for Extension of Time plus 1 copy,
- Petition to Prosecute Patent Application in the Absence of a 5 Missing Inventor,
- Copy of Notice to File Missing Pails,
- Combined Declaration and Power of Attorney,
- 8. Joint Inventors Declaration Re Nonsigning Inventor,
- Two (2) formal drawings,
- 10. Check in the amount of \$655 00, and
- Postcard (addressed, stamped) to confirm receipt 11.

Serial No u9/887,777 Inventors Doak, et al TDM/9138-0060



From-GALLAGHER & KENNEDY







United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE Distand States Patent and Trademark Office Ablives COMMISSI MER OF PATENTS AND TRADED AND Wantenburn DC 2021

Application Number	Filing Date	First Named Applicant	Atty. Docket No		
09/887,777	06/22/2001	Doak, R	9138-60		

Thomas D MacBlain Gallagher & Kennedy 2575 E Camelback Road Phoenix AZ 85016

Title: Method and apparatus for preparing nitride semiconductor surfaces

Date Mailed 03/15/2002

Request for Substitute Papers

The papers filed on 02/11/02 (certificate of mailing dated 01/22/02) are no longer in condition to become part of the permanent records of the United States Patent and Trademark Office (USPTO) for this application (37 CFR 1 52(a)) due to the United States Postal Service sanitization process

The USPTO requests that applicant provide a copy of the above-identified papers (except for any U S or foreign patent documents submitted with the above-identified papers) with a statement that such copy is a complete and accurate copy of the above-identified papers (signing and returning a copy of this notice will provide such a statement). The reply to this letter should be submitted to the USPTO by facsimile at the number indicated 703-746-4060(OIPE)

Alternatively, the reply to this letter may be hand-carried to the Customer Service Window located in Room 1B03 of Crystal Plaza Building 2, Arlington, Virginia, 22202

The USPTO strongly prefers that the reply to this letter be submitted by facsimile. However, if applicant cannot submit the reply to this letter by facsimile (or hand-delivery), the reply may be mailed to Box Duplicate OIPE, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202-2327

This letter is not a notice under 37 CFR 1.251 However, failure to timely replay to this notice within two (2) weeks of the date of receipt of this letter may result in the USPTO issuing a notice under 37 CFR 1 251. A copy of this notice should be included with the reply.

The enclosed papers are a complete and accurate copy of the above-identified papers.

Name:

Thomas D. MacBlain

Registration No 24,583

Signature



From-GALLAGHER & KENNEDY

+6025308500

P.001/019 T-722

GALLAGHER & KENNEDY

A PROFESSIONAL ASSOCIATION Law Offices



FACSIMILE TRANSMITTAL

То:	OIPE	2575 EAST CAMELBACK ROAD
COMPANY:	U.S. PATENT & TRADEMARK OFFICE	PHOENIX, ARIZONA 8501 6-9225
FAX NUMBER:	703-746-4060	PHONE (602) 530-8000
	7037404000	Fax (602) 530-8500
Voice Number:	VOICE NUMBER	- WWW GKNET COM
FROM:	THOMAS D. MACBLAIN	_
G & K DIRECT LINE:	(602) 530-8088	_ G ⊠ K
DATE:	March 21, 2002	n.
CLIENT NUMBER:	9138-0060	IF YOU DID NOT RECEIVE ALL, OF
No of Pages:	19 INCLUDING COVER SHEET	THE PAGES, OR HAVE ANY PROBLEMS, PLEASE CALL (602) 530-8534
THIS FAX WILL	WILL NOT 🖾 BE MAILED	
COMMENTS:		

RESPONSE TO REQUEST FOR SUBSTITUTE PAPERS FOR APPLICATION NUMBER 09/877,777 FILED . 6/22/01 FOR "METHOD AND APPARATUS FOR PREPARING NITRIDE SEMICONDUCTOR SURFACES" BY DOAK ET AL

CAUTION: The information contained in this factimile message is confidential and intended solely for the day of the individual or entity named above. If the resider of this message is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are nereby notified that any dissemination, distribution, or anauthorized use of this communication is strictly prohibited. If you have received this facsimile in error, please notify the sender inunculately by telephone, and ceturn the facsimile to the sender at the address above via the United Status Postal Service. Thank you.



+6025308500

T-722 P.005/019 F-645

PT0/SB/21 (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

sufficient postage as first class

1-22-02



09/887,777 Application Number TRANSMITTAL 61P Filing Date 06/22/2001 R. Bruce Doak **FORM** First Named Inventor MAR 2 1 (to be used for all correspondence after initial filing) Group Art Unit 1621 Examiner Name 9138-0060 TRADEY Total Number of Pages in This Supmission 1 Attorney Docket Number **ENCLOSURES** (check all that apply) Assignment Papers After Allowance Communication Fee Transmittal Form (for an Application) to Group Fee Anached Appeal Communication to Board Drawing(s) of Appeals and interferences Amendment / Reply Licensing-related Papers Appeal Communication to Group (Appeal NOICe, Briot, Reply Brief) Patition After Final Proprietary Information Petition to Convento a Affidavits/declaration(s) Provisional Application Status Letter Power of Attorney, Revocation Change of Correspondence Other Enclosure(s) (please Extension of Time Request Address identify balow). Terminal Disclaimer Joint Inv. Dec. Re Express Abandonment Request Request for Refund Nonsigning Inventor Information Disclosure Statement CD. Number of CD(s). Certified Copy of Phority Document(s) Remarks N Response to Missing Parts/ Incomplete Application H Response to Missing Parts C under 37 CFR 1.52 or 1.53 N SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Thomas D. MacBlain, Reg. No. 24,853 Gallagher, & Kennedy, P.A. individual name Signature Date 02

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Burgen Hour Statement: This form is estimated to take 22 nours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

CERTIFICATE OF MAILING

I nereby carrity that this correspondence is being deposited with the United States Postal Service with

mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date

Suzie Shields

Typed or printed name

Signature

03-21-2002 08:39



PTO/SB/17 (10-01)

Approved for use through 10/31/2002 OMB 0551-0032

Approved for use through 10/31/2002 OMB 0551-0032

DEPARTMENT OF COMMERCE

DEPAR

## FEE TRANSWIT A ## FOR FY 2002 Palms fave and subject to enruled revision	Under the Paperwork Reguction Act of 1995, no nersons are required to te			Complete if Known								1
## FEE CALCULATION 1. BASIC FILING FEE CACCULATION 1. BASIC FIL	FFF TRANSMITTA	L	109/887,777									1
## FIRST Named Inventor First Named Inventor						06	1221200	11	10	7		
### Patrict feels and subject to increase and creard any o-applayments to proposed increased increased increased and creard any o-applayments to proposed increased incre	for FY 2002				R. Br			``	/	T		
TOTAL AMOUNT OF PAYMENT (5) 655.00 Attorney Docket No. 9138-0060 The Commission of a nergoy autorizate to charge machine takes and create the charge machine takes and create they overably member to Deposit Account No. 177-0135 The Commission of a nergoy autorizate to charge machine takes and create they overably member to Deposit Account No. 177-0135 The Commission of a nergoy autorizate to the Charge Small Entity Fee Description	10, 1 1 200		First Named Inventor		-			-1		1		
TOTAL AMOUNT OF PAYMENT Serve Attended to the processing to the	Patent foes ara subject to ennual ravision		Examiner Name						- MAR-2-	H		
METHOD OF PAYMENT 1. ☑ The Commissional is netroly authorized to charge indicates less and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates less and creat any o-applyments to be possible indicates and creat any o-applyments and creat any o-applyment					- 22	0000	1621	₩		4		
The Commissional is merely authorized to charge indicator less and creat any o-depayments to Deposit indicator less and creat any o-depayments to Deposit Number 07-0135 105 130 205 85 Surcharge - late rising fee or oath Nonice 105 130 205 8	TOTAL AMOUNT OF PAYMENT (\$) 655.00		Attorn	ey D	ockat	Nο	9138	-0060		<i>f</i>		•
The Commissional is needby authorized to charge indicator less and creat any o-depayments to Deposit indicator less and creat any o-depayments to Deposit Number 07-0135 107	METHOD OF DAVMENT	_			F	F CA	LCULA	TION Icon	ոնոսed)		(4).	7
Large Small	The second of the second	2 /	DDITI	2NA	-			,,_,,			Valle	Ψ
Deposal Account O7-0135 Fee Paid Code (\$) Cod	indicated fees and cranit any overpayments to	} " ′		7147								ł
Deposit Gallagner & Kennedy, P.A. 105 190 205 85 Suicharge - late hing fee or oath 65 00	Deposit Account 07-0735	_	Entity	~ -	Entl		_				Can David	1
Charge Any Additional Fall Required 127 50 227 25 Surcharge - time provisional tamp feet or cover sheet 139 130 130 13	Number						Fee	Description	n	£		1
Charge Any Agademus Par Pedures 177 139 130 139 130	Deposit Gallagher & Kennedy, P.A.	105	130 2	205	85	Surcha	:ge - latê i	ning fee or a	aಣ -	- }-	65.00	П
		127	50 2	227	25	Surcha	(Ge - IDI+)	provisiansi te	ing too or	[1
Septemble turned and cruly sides 147 2,220 147 2,520 For hising a request for we warre rewardment on the content of the	Under 37 CFR 1 16 -04 1 17		- 20	-24	- 10		-	Ecot.or				ı
Payment Enclosed:	Applicant claims single couty status.	1							A remaind	าลเ.ยก		П
Check							-					1
Tell Calculation 113 1,840" 113 1,840" Requesting publication of SIR analysis according to the content of the cont	Creaticated Money Contract	l ''`				Exame	er şerou			ŀ		ı
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Peach Code (\$) Code (\$) 107 740 201 370 Unity tanglete 108 330 205 185 Design tanglete 108 740 208 370 Resissue flaing fee 109 740 201 80 Provisional tanglete 114 160 214 80 Provisional tanglete 2. EXTRA CLAIM FEES Total Claims Independent 2. EXTRA CLAIM FEES Fee Fee Fee Fee Fee Fee Fee Fee Fee Description Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Peach Code (\$) 129 120 120 120 120 120 120 120 120 120 120		113	1,840*	113	1,840	Reques Examin	at action ating bubb	cation of SIR	atter	ŀ		
Total Claims		115	110 2	215	55	Extens	ion lot ret	ny within first	monin	}		
Total Claims		116	400 2	216	200					}	460.00	
118 1.44 218 720 Extension for reply within both month 108 330 205 185 Design hing fee 128 1.980 228 980 Extension for reply within from month 107 510 207 255 Plant hing fee 120 320 220 160 Filing a dreft in support of an appeal 121 280 221 140 Request for oral neuring 114 160 214 80 Provisional hing free 121 280 221 140 Request for oral neuring 136 1.510 138 1.510 Petition to revive - unavoidable 2. EXTRA CLAIM FEES Fee from Fee Paid 141 1280 241 840 Puttion to revive - unavoidable Extra Claims 201 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	fee Fee Fee Fee Fee Description						•			ŀ	400 00	
108 300 205 185 Design fixing fee 107 510 207 255 Plant fixing fee 115 320 219 180 Notice of Appeal 116 740 208 370 Resissue fixing fee 112 280 220 160 Fixing a great in support of an appeal 121 280 221 147 Request for oral hearing 121 280 221 149 Request for oral hearing 123 1510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding 136 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640 Utility issue like (in roissue) 143 460 2,43 310 Petition to institute a public use proceeding 142 1,220 2,42 640	Edde (a) Code (s)	ı				Extensi	ou tot 1eb	ly within four	iv wovii:	ŀ		Į
107 510 207 255 Plant lang fee		1						ly within fifth	month	ŀ		ı
108 740 208 370 Resistant lines fee	107 510 207 255 Plant filing fee	1								- 1		H
SUBTOTAL (1) (\$) 140 110 240 55 Pattion to institute a public use proceeding SUBTOTAL (1) (\$) 140 110 240 55 Pattion to revive - unavoidable 2. EXTRA CLAIM FEES 141 1.280 241 640 Pattion to revive - unavoidable Exita Claims 1.20 1.20 242 640 Utility isbus fee (of roissuc) Design issue fee Claims 1.20 1.20 1.20 1.20 1.20 1.20 1.20 1.20	108 740 208 370 Reissue faing 196	I				_			ibhaui	ſ		1
SUBTOTAL (1) (\$) 140 110 240 55 Petriori to revive - unavoidable	114 160 214 80 Provisional hing tee					•			e blaceed:	ng [ı
2. EXTRA CLAIM FEES Fee from Fee Paid 142 1.280 242 640 Unity issue fee (or roiseue)	SUBTOTAL (1) (\$)									Ţ		
Fair Claims				491 I	640	Pauson	to texing	- unintention	al	- 1		1
Total Claims -20** -	Fee from	142	1,280 2	242	640	Ulibly 13	عرد ا قد (0	if (CISSUC)		- }-		1
122 130 123 120 Perdons to the Commissione; 130.00	Total Claims -20** - X	143								-		H
122 130 122 130 Petitions to the Commissions: 123 50 Processing ties under 37 CPR 1 17(q) 125 180 123 50 Processing ties under 37 CPR 1 17(q) 125 180 123 180 126 180										t	130.00	1
Large Entity Small Entity Feb	Multiple Oupendunt	1		_						_ h		
Set Fee Fee Fee Fee Fee Fee Fee Fee Fee Gescription	Large Party Supati Entity											1
103 18 203 8 Claims in excess of 20 102 04 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims in excess of 3 109 84 209 42 Reissue independent claims over original patent 110 18 310 9 Raissue claims in excess of 20 and over original patent 110 18 310 9 Reissue claims in excess of 20 and over original patent 110 18 310 9 Request for expedited examination of a gesign application	Fee Fee Fee Fee Fee Description									··· [1
102 04 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 310 9 "Raissue claims in uncess of 20 and over original patent 110 18 310 9 "Raissue claims in uncess of 20 and over original patent 110 18 310 9 "Raissue claims in uncess of 20 and over original patent 110 18 310 9 "Raissue claims in uncess of 20 and over original patent of a gesign application of a gesign application		195	40 2	>0 1	40					-		
104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 310 9 "Raissue claims in uncers of 20 and over original patent 110 18 310 9 "Raissue claims in uncers of 20 and over original patent 110 18 310 9 "Raissue claims in uncers of 20 and over original patent of a gesign application of a gesign application		148	740 2	46	370				(ಕ)ಕಿದ್ದಾಯ	}		1
109 84 209 42 "Reissue independent claims over original patent 179 740 278 370 Request for Continued Examination (RCE) 110 18 210 9 "Reissue claims in uscess of 20 179 740 278 370 Request for Continued Examination (RCE) 110 18 210 9 Request for expedited examination of a gesign application	·		740 0	140	270	•	-		10 124	- 1		1
110 18 310 9 "Raissue claims in uscess of 20 179 740 279 370 Request for Continued Examination (RCE) and over original potent 169 900 189 900 Request for expedited examination of a design application		148	740 2	.40	310					- }-		. [
and over original potent 169 900 189 900 Request for expedited examination of a design application	- · · · · · · · · · · · · · · · · · · ·	179	740 2	279	370	Reques	t for Cont	nued Examil	nation (RC	≣ }		1
	and over original batest of 20		900 1	900 169 900 Request for expedited examination						I		
Other fee (specify)	(e)		r fee /kne	10.5.1		Q1 2 G8	endu stati	LEFOU	_			1
SOBIOTAC (2) (4) 655 00	SUBTOTAL (2)	l	-						, (e)	65	5.00	1
Tor number previously paid, if greater, For Reissues, see above Required by Basic Filing Fee Paid SUBTOTAL (3) [3] 000.00	Tor number previously paid, it greater, For Reissues, see above	Rec	uced by (Basic	Fling	Fee Pai	a 8	UBTOTAL	(3) <u>[1,4)</u>			1
SUBMITTED BY Complete (d appine alle)												
Name (Print Type) Thomas D. MacBlain Registration No. 24,583 Temphone 602-530-8088					2/	1,583		Теюрпопо	602-5	30-8	88,08	
Signature Date 1/7.7-103-	111 67 1111	12		-(11)				Date	1/-	·,	102-	7

WARNING: Information on this form may become public. Credit card information should not per included on this form. Provide credit card information and authorization on PTO-2038.

Burden nour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.